

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A resin molded article having a cushion structure comprising ~~[[;]]~~ a three-dimensional structure, said three-dimensional structure being formed of random loops or curls of filaments, wherein ~~[[;]]~~

each of said filaments is a solid filament or a hollow filament having a single structure with at least one of a continuous filament length and a short filament length, and

each of said filaments is a single body consisting of a single body made of a mixture blend of two polymers including of a polyolefin resin and one selected from the group consisting of either of vinyl acetate resin, ethylene vinyl acetate copolymer or styrene butadiene styrene, said blend obtained by melting and kneading the two polymers, mixture being melted and kneaded;

a mixture ratio of said polyolefin resin to said vinyl acetate resin or said ethylene vinyl acetate copolymer is 70 to 97 w% to 3 to 30 w%, and a mixture ratio of said polyolefin resin to said styrene butadiene styrene is 50 to 97 w% to 3 to 50 w%, ~~[[;]]~~ and

~~each filament consisting of a single structure comprising a hollow or solid filament having a continuous or short filaments length, and which gather said hollow and solid or hollow continuous and/or short filaments gathering adjacent ones~~ ~~[[by]]~~ of the random loops or curls of the filaments are contacted, entwined, and gathered, then at least partially contacting, entwining portions thereof are fused and ~~by being fused or bonded to one another,~~

~~said three dimensional structure further consisting of being configured so that:~~

a mixture ratio of said solid filaments to said hollow filaments is 0:100 to 50:50, ~~wherein~~ said three-dimensional structure has a low density portion and a high density portion in a direction of width thereof at predetermined intervals in a direction of its length in a single molded form,

a bulk density of the low density portion is 0.005 to 0.03 g/cm³,

a bulk density of the high density portion having bulk density higher than said low density portions and 0.08 g/cm³ or lower, and

said article has an essentially uniform thickness.

2.-4. (Cancelled)

5. (Previously Presented) The resin molded article according to claim 1, a mixture ratio of said polyolefin resin to said vinyl acetate resin or said ethylene vinyl acetate copolymer is 80 to 90 w% to 10 to 20w%.

6.-9. (Cancelled)

10. (Previously Presented) The resin molded article according to claim 1, wherein a mixture ratio of said polyolefin resin to said styrene butadiene styrene is 70 to 90 w% to 10 to 30w%.

11. (Cancelled)

12. (Cancelled)

13. (Previously Presented) The resin molded article according to claim 1, wherein said solid continuous filaments and/or short filaments have a diameter of 0.3 mm to 30 mm, and said hollow continuous filaments and/or short filaments have a diameter of 1.0 mm to 3.0 mm.

14. (Cancelled)

15. (Previously Presented) The resin molded article according to claim 1, wherein said solid continuous filaments and/or short filaments have a diameter of 0.3 mm to 3.0 mm, and said hollow continuous filaments and/or short filaments have a diameter of 1.5 to 2.0 mm.

16.-21. (Cancelled)

22. (Currently Amended) The resin molded article according to claim 1, wherein said three-dimensional structure has a bulk density of 0.02 to 0.06 g/cm³.

23.-25. (Cancelled)

26. (Currently Amended) The resin molded article according to claim 5, wherein said three-dimensional structure has a bulk density of 0.02 to 0.06 ~~g/cm³~~ g/cm³.

27. (Previously Presented) The resin molded article according to claim 1, wherein said three-dimensional structure is a cushion material for seats of an automotive vehicle or a bed.

28.-30. (Cancelled)

31. (Previously Presented) The resin molded article according to claim 5, wherein said three-dimensional structure is a cushion material for seats of an automotive vehicle or a bed.

32. (Cancelled)

33. (Cancelled)

34. (Previously Presented) The resin molded article according to claim 1, wherein said three-dimensional structure has a bulk density of 0.005 to 0.03 g/cm³ at low density portions, and a bulk density of 0.03 to 0.08 g/cm³ at high density portions.

35.-37. (Cancelled)

38. (Original) The resin molded article according to claim 5, wherein said three-dimensional structure has a bulk density of 0.005 to 0.03 g/cm³ at low density portions, and a bulk density of 0.03 to 0.08 g/cm³ at high density portions.

39. (Previously Presented) The resin molded article according to claim 1, wherein said three-dimensional structure has a bulk density of 0.008 to 0.03 g/cm³ at low density portions, and a bulk density of 0.04 to 0.07 g/cm³ at high density portions.

40.-42. (Cancelled)

43. (Previously Presented) The resin molded article according to claim 5, wherein said three-dimensional structure has a bulk density of 0.008 to 0.03 g/cm³ at low density portions, and a bulk density of 0.04 to 0.07 g/cm³ at high density portions.

44. (Previously Presented) The resin molded article according to claim 1, wherein said three-dimensional structure has a bulk density of 0.01 to 0.03 g/cm³ at low density portions, and a bulk density of 0.05 to 0.06 g/cm³ at high density portions.

45.-47. (Cancelled)

48. (Original) The resin molded article according to claim 5, wherein said three-dimensional structure has a bulk density of 0.01 to 0.03 g/cm³ at low density portions, and a bulk density of 0.05 to 0.06 g/cm³ at high density portions.

49. (Currently Amended) The resin molded article according to claim 1, wherein said three-dimensional structure has a void ratio of 96 to 99 %, at said low density portions, and a void ratio of 91 to 97 % at said high density portions.

50. (Previously Presented) The resin molded article according to claim 1 wherein said three-dimensional structure has a void ratio of 97 to 99 % at said low density and a void ratio of preferably 92 to 96 % at said high density portions.

51. (Previously Presented) The resin molded article according to claim 1 wherein said three-dimensional structure has a void ratio of 97 to 98 % at said low density portions, and a void ratio of 93 to 94 % at said high density portions.

52.-56. (Cancelled)

57. (Original) The resin molded article according to claim 1, wherein outer surfaces of said hollow filaments are covered with solid filaments.

58.-60. (Cancelled)

61. (Original) The resin molded article according to claim 5, wherein outer surfaces of said hollow filaments are covered with solid filaments.

62. (Previously Presented) The resin molded article according to claim 1, wherein high density portions having an increased bulk density which each extend in a direction of width of said three-dimensional structure and are arranged at appropriate space intervals in a direction of length of said three-dimensional structure are formed by changing a take-off speed for taking off the extruded continuous filaments.

63. (Currently Amended) A resin molded article having a cushion structure comprising:
a three-dimensional structure, said three-dimensional structure comprising:

a mixture of individual hollow and individual solid filaments each being made of an essentially uniform blend of two polymers including polyolefin resin and one ~~selected from the group consisting of either~~ vinyl acetate resin, ethylene vinyl acetate copolymer or styrene butadiene styrene, the mixture of hollow and solid filaments being configured to at least partially contact, entwine and have portions fused and bonded to one another;

a low density portion and a high density portion in a direction of width thereof at predetermined intervals in a direction of its length in a single molded form; a bulk density of the low density portion is about 0.005 to about 0.03 g/cm³; and

a bulk density of the high density portion having bulk density higher than said low density portions and about 0.08 g/cm³ or lower.